

Appendix E

E. Sector E - Glass, Clay, Cement, Concrete, and Gypsum Products

1. Covered Stormwater Discharges.

The requirements in Part VI for Sector E apply to stormwater discharges associated with industrial activity from Glass, Clay, Cement, Concrete, and Gypsum Products facilities as identified by the SIC Codes specified below.

SECTOR E: GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS	
3211	Flat Glass
3221, 3229	Glass and Glassware, Pressed or Blown
3231	Glass Products Made of Purchased Glass
3241	Hydraulic Cement
3251- 3259	Structural Clay Products
3261- 3269	Pottery and Related Products
3171- 3275	Concrete, Gypsum and Plaster Products
3291- 3299	Abrasive, Asbestos, and Miscellaneous Nonmetallic Mineral Products

2. Industrial Activities Covered by Sector E.

The requirements listed under this permit apply to stormwater discharges associated with industrial activity from a facility engaged in either manufacturing the following products or performing the following activities:

- a. flat, pressed, or blown glass or glass containers;
- b. hydraulic cement;
- c. clay products including tile and brick;
- d. pottery and porcelain electrical supplies;
- e. concrete products;
- f. gypsum products;
- g. minerals and earths, ground or otherwise treated;
- h. non-clay refractories;
- i. lime manufacturing;
- j. cut stone and stone products;
- k. asbestos products;
- l. mineral wool and mineral wool insulation products.

3. Stormwater Pollution Prevention Plan (SWPPP) Requirements.

In addition to the following requirements, the permittee must also comply with the requirements listed in Part IV.

- a. *Drainage Area Site Map.* (See also Part IV(F)(2)(b)) Identify the locations of the following, as applicable: bag house or other dust control device; recycle / sedimentation pond, clarifier or other device used for the treatment of process wastewater, and the areas that drain to the treatment device.
- a. *Good Housekeeping Measures.* (See also Part IV.F(7)(b)(i)) With good housekeeping prevent or minimize the discharge of: spilled cement; aggregate (including sand or gravel); kiln dust; fly ash; settled dust; or other significant material in stormwater from paved portions of the site that are exposed to stormwater. Consider using regular sweeping or other equivalent measures to minimize the presence of these materials. Indicate in the SWPPP the frequency of sweeping or equivalent measures. Determine the frequency from the amount of industrial activity occurring in the area and the frequency of precipitation, but it must be performed at least once a week if cement, aggregate, kiln dust, fly ash or settled dust are being handled / processed. The permittee must also prevent the exposure of fine granular solids (cement, fly ash, kiln dust, etc.) to stormwater where practicable, by storing these materials in enclosed silos / hoppers, buildings or under other covering.
- b. *Inspections.* (See also Part IV(F)(7)(b)(i)) Perform inspections while the facility is in operation and include all of the following areas exposed to stormwater: material handling areas, above ground storage tanks, hoppers or silos, dust collection / containment systems, truck wash down / equipment cleaning areas.
- c. *Certification.* (See also Part IV(H)(1)) For facilities producing ready-mix concrete, concrete block, brick or similar products, include in the non-stormwater discharge certification a description of measures that insure that process waste water resulting from truck washing, mixers, transport buckets, forms or other equipment are discharged in accordance with MEPDES requirements or are recycled.

4. Monitoring and Reporting Requirements. (See also Part V)

SECTOR E: GLASS, CLAY, CEMENT, CONCRETE AND GYPSUM PRODUCTS- SECTOR SPECIFIC NUMERIC LIMITATIONS			
SIC Code or Activity Code	Subsector (Discharge may be subject to requirements for more than one sector/subsector)	Parameter	Numeric Limitation**
	Cement Manufacturing Facility, Material Storage Runoff: Any discharge composed of runoff that derives from the storage of materials including raw materials, intermediate products, finished products, and waste materials that are used in or derived from the manufacture of cement.	TSS pH	50 mg/L daily max 6.0-9.0 s.u.

** Monitor once per year for each monitoring year